

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (currently amended): An apparatus for detecting finger-motion in a wireless manner comprising:

a finger-motion detecting unit, which is configured to be attached to a user's finger, is operated using a wireless power signal, detects a motion of the user's finger and generates a finger-motion signal corresponding to the motion of the user's finger;

a finger-motion signal transmitting unit, which is operated using the wireless power signal, receives the finger-motion signal provided from the finger-motion detecting unit, modulates the finger-motion signal to have information on which finger is moved, and transmits the modulated finger-motion signal in a wireless manner; and

a finger-motion signal receiving unit, which outputs a wireless power signal and receives and reads the modulated wireless finger-motion signal corresponding to finger motion provided from the finger-motion signal transmitting unit to detect determine which finger is moved;

a finger motion signal transmitting unit, which generates a predetermined amount of power using the wireless power signal, receives a finger motion signal corresponding to finger motion using the predetermined amount of power, modulates the finger motion signal into a

~~finger motion signal having a predetermined frequency, and outputs the modulated finger-motion signal in a wireless manner; and~~

~~a finger motion detecting unit, which determines whether or not finger motion exists and generates the finger motion signal corresponding to the finger motion.~~

2. (currently amended): The apparatus of claim 1, wherein the finger-motion signal transmitting unit includes:

a coil unit which generates ~~the~~ a predetermined amount of power using the wireless power signal, and outputs the modulated finger-motion signal in a wireless manner; and

a control unit which is driven by the predetermined amount of power, and is adapted to store a finger-motion signal inputted from the finger-motion detecting unit, and convert the finger-motion signal into the modulated finger-motion signal.

3. (original): The apparatus of claim 2, wherein the control unit converts an alternating current power generated by the coil unit into a direct current power to generate the predetermined amount of power.

4. (original): The apparatus of claim 2, wherein the control unit modulates the finger-motion signal into a finger-motion signal having a predetermined frequency, depending on which finger is moved, and outputs the modulated finger-motion signal.

5. (currently amended): The apparatus of claim 2, wherein the coil unit is configured to be wound about a finger whose motion is to be detected, and the control unit is configured to be positioned on top of the finger in the form of a chip.

6. (original): The apparatus of claim 1, wherein the finger-motion detecting unit is configured in the form of a switch, and is adapted to generate a finger-motion signal when the switch is turned on.

7. (currently amended): The apparatus of claim 6, wherein the switch is configured to be mounted on a predetermined joint of ~~a~~the user's finger, and is adapted to generate a finger-motion signal when the switch is turned on by user's flexing the joint.

8. (currently amended): The apparatus of claim 6, wherein the switch is configured to be mounted on an end of ~~a~~the user's finger, and is adapted to generate a finger-motion signal when the switch is turned on by user's tapping on a floor with the finger.

9. (currently amended): The apparatus of claim 6, wherein the switch is configured to be installed between ~~a~~ the user's adjacent fingers, and is adapted to generate a finger-motion signal when a first finger, on which the switch is installed, and a second finger, adjacent to the first finger, come in contact with each other and the switch is turned on.

10. (currently amended): The apparatus of claim 6, wherein the switch is configured to be installed on~~a~~ the user's finger, and is adapted to generate a finger-motion signal when the finger, on which the switch is installed, and the thumb come in contact with each other and the switch is turned on.

11. (currently amended): A method for detecting finger-motion in a wireless manner comprising:

(a) converting a predetermined wireless power signal into a predetermined amount of power;

(b) detecting the motion of a user's finger using the predetermined amount of power and generating a finger-motion signal corresponding to the ~~finger motion~~ motion of the user's finger;

(c) ~~modulating the finger motion signal into a finger motion signal having a predetermined frequency and outputting the modulated finger motion signal~~ receiving the finger-motion signal, modulating the finger-motion signal to have information on which finger is moved, and transmitting the modulated finger-motion signal in a wireless manner; and

(d) receiving and reading the wireless modulated finger-motion signal and determining which finger is moved.

12. (original): The method of claim 11, wherein the step (a) includes converting an alternating current power induced by the wireless power signal into a predetermined amount of power by rectifying the alternating current power.

13. (original): The method of claim 11, wherein the step (c) includes modulating the finger-motion signal into a finger-motion signal having a predetermined frequency, depending on which finger is moved, and outputting the modulated finger-motion signal in a wireless manner.

14. (original): The method of claim 11, wherein the step (b) includes generating a finger-motion signal when a switch installed on the user's finger is turned on.

15. (currently amended): The method of claim 14, wherein the switch is mounted on a predetermined joint of the user's finger, and is adapted to generate-a the finger-motion signal when the switch is turned on by user's flexing the joint.

16. (currently amended): The method of claim 14, wherein the switch is mounted on the end of the user's finger, and is adapted to generate-a the finger-motion signal when the switch is turned on by user's tapping on the floor with the finger.

17. (original): The method of claim 14, wherein the switch is mounted between adjacent fingers, and is adapted to generate a finger-motion signal when a first finger, on which the switch is mounted, and a second finger, adjacent to the first finger, come in contact with each other and the switch is turned on.

18. (original): The method of claim 14, wherein the switch is mounted on the user's finger, and is adapted to generate a finger-motion signal when the finger, on which the switch is mounted, and the thumb come in contact with each other and the switch is turned on.